

d 13

(FILE USFAT)

SET PAGERLENGTH 19  
SET LINELENGTH 78  
1 1 S (THERMOCOUPLE(4A) QUARTZ(3A) (ALUMINUM(W)OXIDE)  
SET HIGH ON  
2 0 S (THERMOCOUPLE(8A) QUARTZ(3A) (P) (ALUMINUM(W)OXIDE)  
3 5 S (THERMOCOUPLE(8A) QUARTZ(3A) (P) (ALUMINA)  
4 852 S QUARTZ(3A) TUBE AND (ALUMINUM(W)OXIDE OR ALUMI  
5 217 S (QUARTZ(3A) TUBE) (P) (ALUMINUM(W)OXIDE OR ALUMI  
6 34 S (QUARTZ(3A) TUBE) AND (ALUMINUM(W)OXIDE OR ALU  
7 3 S L6 AND THERMOCOUPLE

02 FEB 88 10:57:10

U.S. Patent & Trademark Office

F0037

=> d 13 1-5

1. 4,692,556, Sep. 8, 1987, Repeating temperature sensing immersion probe; Theo P. C. Bollen, et al., 136\*234, 232 IMAGE AVAILABLE
2. 4,358,630, Nov. 9, 1982, Replacement cap for repeating use thermocouple; Richard A. Falk, 136\*234, 242; 3/4\*139 IMAGE AVAILABLE
3. 4,284,771, Aug. 18, 1981, Process for preparing melamine; Hsuan L. Lien, et al., 544\*200
4. 4,123,498, Oct. 31, 1978, Process for separating fission product molybdenum from an irradiated target material; Herman S. Rosenbaum, et al., 423\*2, 59 IMAGE AVAILABLE
5. 3,958,176, May 18, 1976, Method for measuring suitability of aluminum for use in certain propellants; Karl J. Kraeutle, 324\*65R; 73\*35; 3/4\*57  
02 FEB 88 10:57:44 U.S. Patent & Trademark Office F0038

=> d 17 1-3

1. 4,692,556, Sep. 8, 1987, Repeating temperature sensing immersion probe; Theo P. C. Bollen, et al., 136\*234, 232 IMAGE AVAILABLE
2. 4,244,935, Jan. 13, 1981, Method of forming metal chlorides; M. Benjamin Dell, 423\*491, 137, 492, 493, 494, 495; 427\*221
3. 4,059,418, Nov. 22, 1977, Flue gas desulfurization sorbent and process; Neville L. Cull, 55\*73, 74; 423\*244

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(FILE USPAT)

SET PAGELENGTH 19

SET LINELENGTH 78

L1 102 S OXYGEN(W) SENSOR AND THERMOCOUPLE  
L2 16 S L1 AND MOLTEN  
L3 0 S L1 AND U-TUBE  
L4 0 S L1 AND U(W)TUBE  
L5 988 S U(W)TUBE  
L6 64 S L5 AND THERMOCOUPLE  
L7 0 S L6 AND OXYGEN(W)SENSOR  
L8 9359 S L1 AND 73/CLAS OR 374/CLAS  
L9 16 S L1 AND (73/CLAS OR 374/CLAS)

=> d 12 1-16

1. 4,717,463, Jan. 5, 1988, Oxygen sensor; Harry G. Clauss, 204\*422, 423
2. 4,708,783, Nov. 24, 1987, Apparatus for the determination of silicon in molten metal; Hajime Nakamura, et al., 204\*423
3. 4,659,435, Apr. 21, 1987, Integrally heated electrochemical cell method and apparatus; Jack A. Brothers, et al., 204\*1T, 274, 406, 425, 426, 427
4. 4,657,641, Apr. 14, 1987, Determination of silicon in molten metal; Hajime Nakamura, et al., 204\*1T, 422
5. 4,644,138, Feb. 17, 1987, Temperature control system with simplified controller and power supply; Paul L. Walsh, 219\*501: 204\*1T; 219\*497; 323\*245; 330\*75, 103
6. 4,627,892, Dec. 9, 1986, Electrochemical sensors and methods for their manufacture and use; Wayne L. Worrell, et al., 204\*1T, 422; 264\*570; 501\*103, 152
7. 4,451,350, May 29, 1984, Sensor for measuring density of oxygen in molten metal; Yutaka Tsuchida, et al., 204\*422, 423
8. 4,429,402, Jan. 31, 1984, Devices for use in a glass-melting furnace; Harold J. Carley, 373\*37
9. 4,342,633, Aug. 3, 1982, Oxygen sensor; Omer Cure, 204\*423
10. 4,313,799, Feb. 2, 1982, Oxygen sensor and method for determining the oxygen activity in molten glass; Richard A. Perkins, 204\*1T, 422
11. 4,264,423, Apr. 28, 1981, Fluidic thermistor/fugacity device; Taki Negas, et al., 204\*408, 1T, 427
12. 4,229,211, Oct. 21, 1980, Ladle heating system; Donald D. Battles, 266\*44; 75\*46; 266\*141, 281, 901; 432\*9, 10, 224, 225
13. 4,182,666, Jan. 8, 1980, Oxygen sensors; Thomas Dickinson, et al., 204\*412, 415
14. 4,133,036, Jan. 2, 1979, Method and system for monitoring a physical condition of a medium; Robert G. Watson, 364\*477; 136\*234; 164\*4.1; 340\*347AD; 364\*551, 557; 374\*107, 139 [IMAGE AVAILABLE]
15. 3,920,447, Nov. 18, 1975, Steel production method; David L. Schroeder, et al., 75\*43, 59.14, 59.16; 266\*80, 82, 87
16. 3,891,512, Jun. 24, 1975, Determination of oxygen in molten steel; Paul L. Jackson, 204\*1T, 422

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